

Remarks

In the present response, five claims (1-2 and 12-14) are amended. Claims 1-19, 27-29, and 31-32 are presented for examination.

Applicants make a sincere effort to place this application in condition for allowance.

Claim Rejections: 35 USC § 102(b)

Claims 1-3, 5, 7-9, 12-13, 27, and 32 are rejected under 35 USC § 102(b) as being anticipated by USPN 5,898,909 (Yoshihara).

Applicants note that claims 27 and 32 are rejected as being anticipated by Yoshihara. These claims, however, are also indicated as being allowed. The Examiner is respectfully requested to clarify the allowance of claims 27 and 32. For purposes of this response, Applicants assume claims 27 and 32 are indeed allowed.

Applicants respectfully traverse the rejections of claims 1-3, 5, 7-9, and 12-13. The rejected claims recite various elements not taught in Yoshihara. Some examples are provided below with respect to the rejected independent claims.

Claim 1

Claim 1 recites a radio module having three elements: a radio transceiver, an antenna, and an electromagnetic shield. The electromagnetic shield is disposed around the antenna. However, “the radio transceiver is externally located outside the electromagnetic shield.” Yoshihara does not teach this recitation.

Figure 8 in Yoshihara shows a cap 17 and package 15 that encloses both the antenna 12 and IC chip 11 (which the Examiner argues is the claimed “radio transceiver”). Figure 25 in Yoshihara shows a cover cap 60 that encloses both the antenna 12 and IC chip 11. Thus, Yoshihara does not teach an electromagnetic shield that is disposed around the antenna with the radio transceiver being externally located outside the electromagnetic shield. In Yoshihara, the antenna and IC chip are both located in the electromagnetic shield.

In order for a prior art reference to be anticipatory under 35 U.S.C. § 102 with respect to a claim, “[t]he elements must be arranged as required by the claim,” see

M.P.E.P. § 2131, citing *In re Bond*, 15 U.S.P.Q.2d 1566 (Fed. Cir. 1990). For at least these reasons, independent claim 1 and its dependent claims are allowable over Yoshihara.

Claim 12

Claim 12 is amended to recite that “the radio module is coupled to an enclosure and the electromagnetic shield extends from the printed circuit board to the enclosure.” This recitation is taken from allowed dependent claim 14. Thus, claim 12 is amended to be placed in condition for allowance.

Allowed Subject Matter

Applicants respectfully thank the Examiner for allowing claims in this application. Applicants make a sincere effort to place this application in condition for allowance.

CONCLUSION

In view of the above, Applicants believe that all pending claims are in condition for allowance. Allowance of these claims is respectfully requested.

Any inquiry regarding this Amendment and Response should be directed to Philip S. Lyren at Telephone No. 832-236-5529. In addition, all correspondence should continue to be directed to the following address:

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Respectfully submitted,

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